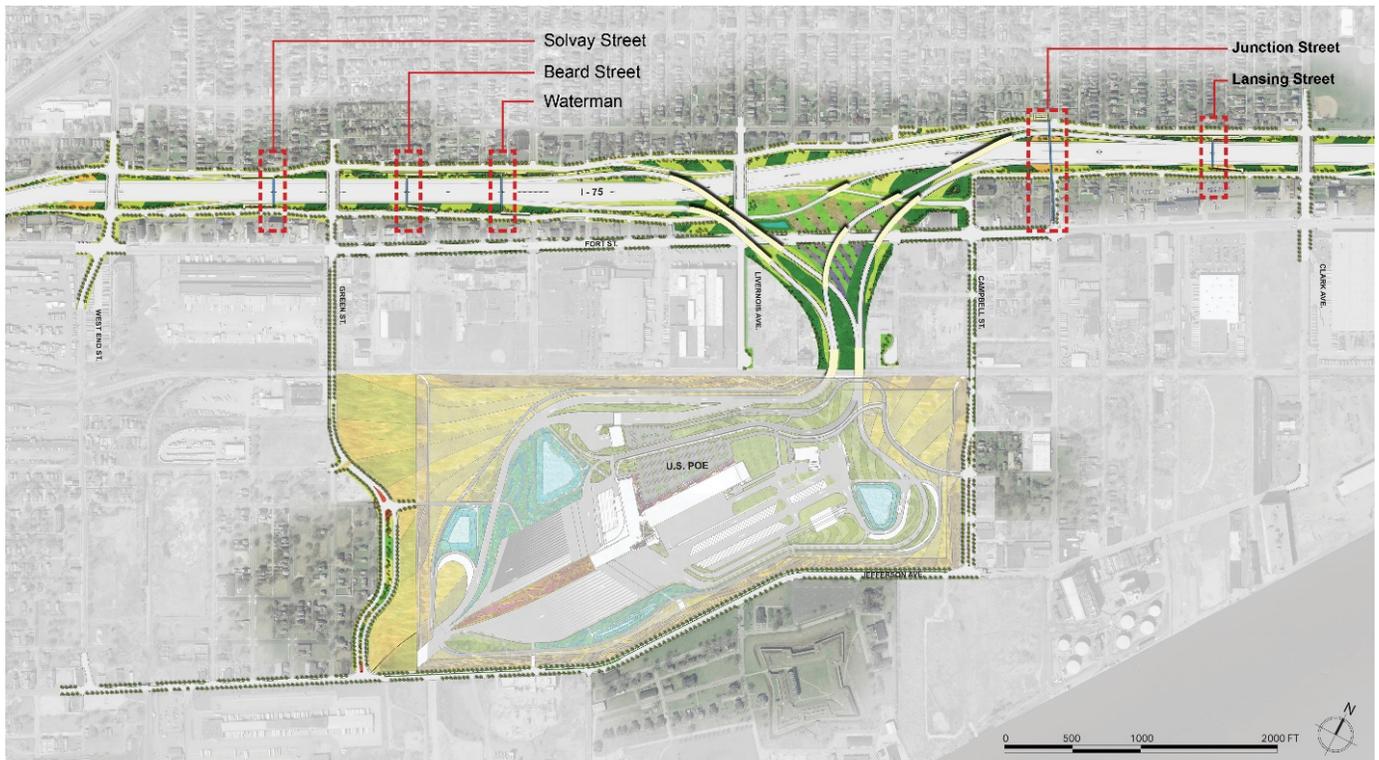


JUNCTION STREET PEDESTRIAN BRIDGE

As part of the Gordie Howe International Bridge project, five pedestrian bridges crossing Interstate-75 will be built to provide safe access to services within the community. The new bridges will also enhance the aesthetic corridor experience for motorists as they travel through the Detroit region. Pedestrian bridges will be located over I-75 at Solvay Street, Beard Street, Waterman Street, Junction Street and Lansing Street.



Pedestrian bridge locations map

Following several months of consultation with the community, a curved steel arch aesthetic design was selected for the five pedestrian bridges to be constructed. The pedestrian bridges will be constructed of pre-cast concrete girders and concrete decks, walls and ramps. The steel arch will have a medium bronze finish and the railings will be manufactured from metal alloy. The bridges will also have overhead LED lighting features. Importantly, the bridges will be compliant with Americans with Disabilities (ADA) standards.

Installation of the pedestrian bridges began in 2020 and continue until early 2024.

JUNCTION STREET PEDESTRIAN BRIDGE

As a result of community consultation and discussions with the City of Detroit, the pedestrian bridge initially contemplated in the Final Environmental Impact Statement (FEIS) to be constructed over I-75 at Morrell Street, was relocated one-block west to Junction Street. This location will better address community access to Community Health and Social Services Center (CHASS).

To accommodate the ramps connecting to the US Port of Entry, the Junction Street road bridge that crosses I-75 will be demolished and replaced with this pedestrian bridge with no vehicular access. The Junction pedestrian bridge structure is also unique and extends over the Northbound Service Drive and safely transitions to meet the sidewalk at the corner of Junction Street and Fort Street.

As a result of this design, Junction Street will be converted into a one-way street between the Northbound Service Drive and Fort Street. Future traffic will flow northbound only on Junction Street with the mid-block alley on the west side of Junction Street to be closed with decorative bollards to vehicular traffic but remain open for pedestrian and bicycle traffic. Access to all adjacent facilities will be maintained.

RENDERINGS



Facing west on Northbound Service Drive



View from Southbound Service Drive



South View from Junction



Facing west on Junction Street

ADDITIONAL BRIDGE DETAILS

- Total height: 16 feet/4.9 metres from the pedestrian bridge deck
- Bridge clearance over the roadway is 33 feet 7 inches/10.25 metres
- 11-foot/3.35 metre-wide walkway for users
- Lighting will be provided on the underside of the bridge to address safety, along with the incorporation of decorative treatment on retaining walls and columns, landscaping and signalized pedestrian crossings where appropriate.
- Screening for adjacent properties is being considered to ensure privacy is maintained from pedestrian bridge users.

It is anticipated that demolition of the Junction Street road bridge will occur in 2021 with construction of the pedestrian bridge and modifications of the traffic configuration to follow. As the construction scheduling/plans for this area are finalized, public communications will be issued to ensure adjacent residents, businesses and the travelling public are well informed.

Stay up-to-date on Gordie Howe International Bridge design and construction updates at GordieHoweInternationalBridge.com. If you have questions or concerns regarding the Junction Street area, contact Windsor-Detroit Bridge Authority at 1-844-322-1773 or email info@wdbridge.com.